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## Form PTO-144 Patent and Trademark Office INFORMATION DISCLOSURE CITATION

Atty. Docket No. 0575/62948/JPW/BJA

Serial No. 09/823,181

Applicant:

(Use several sheets if necessary)

Jingyue Ju et al. Filing Date:

March 30, 2001

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Nucleic Acids Res. 27(23):4626-4631;

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## Page 2 of 6 Serial No. Form PTO-1449 CHENT& TRACE U.S. Department of Commerce Atty. Docket No. 0575/62948/JPW/BJA 09/823,181 **Patent and Trademark Office** Applicant: Jingyue Ju et al. INFORMATION DISCLOSURE CITATION Group Art Unit Filing Date: (Use several sheets if necessary) March 30, 2001 1634 **U.S. PATENT DOCUMENTS** Filing Date Class Subclass Date **Document Number** Name Examiner if Appropriate Initial FOREIGN PATENT DOCUMENTS Subclass Translation Country **Document Number** Class Date Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Axelrod V.D., et al. (1978) Specific termination of RNA polymerase synthesis as a method of RNA and DNA sequencing. Nucleic Acids Res. 5(10): 3549-3563; Badman, E. R. et al. (2000) A Parallel Miniature Cylindrical Ion Trap Array. Anal. Chem. 72:3291-3297; Badman, E. R. et al. (2000) Cylindrical Ion Trap Array with Mass Selection by Variation in Trap Dimensions. Anal. Chem. 72:5079-5086; Benson, S. C., Mathies, R. A. and Glazer, A. N. (1993) Heterodimeric DNA-binding dyes designed for energy transfer: stability and applications of the DNA complexes. Nucleic Acids Res. 21: 5720-5726; Benson, S. C., Singh, P. and Glazer, A. N. (1993) Heterodimeric DNA-binding dyes designed for energy transfer: synthesis and spectroscopic properties. Nucleic Acids Res. 21: 5727-5735; Burgess, K. et al. (1997) Photolytic Mass Laddering for Fast Characterization of Oligomers on Single Resin Beads. J. Org. Chem. 62:5662-5663; Canard B., et al. (1995) Catalytic editing properties of DNA polymerases. Proc. Natl. Acad. Sci. USA 92: 10859-10863; Caruthers M.H. (1985) Gene synthesis machines: DNA chemistry and its uses. Science 230: 281-285; Chee M., et al. (1996) Accessing genetic information with high-density DNA arrays. Science 274: 610-614;

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Page 4 of 6 Serial No. Atty. Docket No. Form PTO-1**4**49 (A).S. Department of Commerce 09/823,181 0575/62948/JPW/BJA Satent and Trademark Office Applicant: Jingyue Ju et al. INFORMATION DISCLOSURE CITATION Filing Date: Group Art Unit (Use several sheets if necessary) March 30, 2001 1634 **U.S. PATENT DOCUMENTS** Filing Date Subclass Class Date Name **Document Number** Examiner if Appropriate Initial FOREIGN PATENT DOCUMENTS Subclass **Translation Document Number** Country Class Date No Yes CENTER 1600/2900 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Ju J., Ruan C., Fuller, C.W., Glazer, A.N. and Mathies, R.A. (1995) Fluorescence energy transfer dye-labeled primers for DNA sequencing and analysis. Proc. Natl. Acad. Sci. USA 92: 4347-4351; Kamal A., Laxman E., Rao N.V. (1999) A mild and rapid regeneration allylic ethers from their bу alcohols chlorotrimethylsilane/sodium Tetrahedron 40: iodide. Lett. 371-372; Lee L.G., et al. (1992) DNA sequencing with dye-labeled terminators and T7 DNA polymerase: effect of dyes and dNTPs on incorporation of dye terminators and probability analysis of termination fragments. Nucleic Acids Res. 20: 2471-2483; Lee, L.G. et al. (1997) New energy transfer dyes for DNA sequencing. Nucleic Acids Res. 25: 2816-2822; Li, J., (1999) Single Oligonucleotide Polymorphism Determination Using Primer Extension and Time-of-Flight Mass Spectrometry. Electrophoresis, 20:1258-1265; Liu, H. et al., (2000) Development of Multichannel Devices with an Array of Electrospray Tips for High-Throughput Mass Spectrometry. Anal. Chem. 72:3303-3310; Lyamichev, A. et al. (1999) Polymorphism Identification and Quantitative Detection of Genomic DNA by Invasive Cleavage of Oligonucleotide Probes. Nat. Biotech. 17:292-296; Metzker M.L., et al. (1994) Termination of DNA synthesis by novel 3'-modified deoxyribonucleoside 5'-triphosphates. Nucleic Acids Res. 22: 4259-4267;

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